

Mineral Industry Surveys

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COPPER IN JULY, AUGUST, AND SEPTEMBER 2009

Mine production of copper in the third quarter of 2009 was essentially unchanged from that during the second quarter of 2009, according to data compiled by the U.S. Geological Survey. Mine and refinery production for the first 9 months of 2009, however, were down by 7% and 9%, respectively, from production during the comparative period in 2008, primarily owing to cutbacks and closures announced at the end of 2008. Reported consumption of refined copper for the first 9 months of 2009 was down by 21% compared with that for the same period in 2008.

Update

Copper prices, which plummeted during the latter part of 2008, trended upward through 2009, and by the end of October were averaging about \$3.00 per pound of copper. With analysts predicting that prices would be sustained at this level or above, Freeport McMoran Copper & Gold Inc. (Phoenix, AZ) announced that it had initiated plans during the fourth quarter to restart mining at the Miami Mine, and that it was going to restart the sulfide concentrator at its Morenci Mine, both in Arizona. The Miami Mine, had continued to produce some copper from residual leach operations, but was expected to ramp up production to 45,000 metric tons per year of copper by the

second half of 2011. The Morenci mill was expected to process 30,000 metric tons per day of ore, about 60% of capacity, and to resume operations in the second quarter of 2010 (Freeport McMoran Copper & Gold Inc., 2010, p. 5).

In 2009, the Bingham Canyon Mine in Utah regained its position, last held in 1983, as the leading U.S. copper mine producer. Rio Tinto plc (London, United Kingdom) reported that mill throughput at Bingham Canyon reached a record-high level in 2009 and that copper contained in concentrates rose to 303,500 metric tons (t), an increase of 28% from that of the previous year. At the Morenci Mine, which had been the leading producer, production fell to 228,000 t from 335,000 t in 2008 (Freeport McMoran Copper & Gold Inc., 2010, p. II; Rio Tinto plc, p. 3).

References Cited

Freeport-McMoran Copper & Gold Inc., 2010, Freeport McMoran Copper & Gold Inc. reports fourth-quarter and year ended December 31, 2009 results: Phoenix, AZ, Freeport McMoran Copper & Gold Inc. news release, January 21, 41 p.

Rio Tinto plc, 2010, Fourth quarter 2009 operationas review: London, United Kingdom, Rio Tinto plc press release, January 14, 26 p.

 ${\it TABLE~1}$ SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES 1

(Metric tons, unless otherwise specified)

				20	009	
	Source	_				January-
	table ²	2008	July	August	September	September
Production:						
Primary:						
Mine, recoverable	(2)	1,310,000	99,700	105,000	90,700	893,000
Refinery:						
Electrolytic, domestic and foreign	(4)	713,000 ^r	47,500	54,200	54,700	467,000
Electrowon	(4)	508,000	42,800	40,500	36,600	355,000
Total	(4)	1,220,000 ^r	90,300	94,700	91,300	823,000
Secondary recoverable copper:						
Refineries	(5)	53,800 ^r	4,090	2,900	2,980	37,200
Ingot makers ³	(5)	90,400	7,530	7,530	7,530	67,800
Brass and wire-rod mills	(5)	601,000	46,400	49,400	48,800	422,000
Foundries, etc. ³	(5)	44,400	3,700	3,700	3,700	33,300
Smelter, total	(3)	574,000	55,800	55,400	51,700	438,000
Consumption:						
Apparent	(8)	2,030,000	140,000	133,000	129,000	1,240,000
Refined (reported)	(7)	2,020,000	128,000	147,000	143,000	1,270,000
Purchased copper-base scrap	(9)	993,000 ^r	77,400	80,400	78,900	705,000
Stocks at end of period:						
Total refined	(10)	XX	296,000	300,000	325,000	XX
Blister, etc.	(10)	XX	26,100	32,500	27,100	XX
Prices, U.S. producer cathode (cents per pound) ⁴	(11)	319.163	244.381	286.886	287.305	218.587
Imports: ⁵						
Ore and concentrate ⁶	(13)	640		19		137
Refined	(13)	724,000	54,200	36,400	56,000	513,000
Exports: ⁵						
Ore and concentrate ⁶	(14)	301,000	11,000	7,760	16,500	119,000
Refined	(14)	36,500	8,870	6,280	3,980	72,500

^rRevised. XX Not applicable. -- Zero.

¹Data are rounded to no more than three significant digits, except prices; may not add to totals shown.

²Numbers in parentheses refer to the significant tables where these data are located.

³Monthly data estimated based on 2007 monthly average.

⁴Source: Platts Metals Week.

⁵Source: U.S. Census Bureau.

⁶Copper content.

 $\label{eq:table 2} \textbf{TABLE 2}$ MINE PRODUCTION OF RECOVERABLE COPPER IN THE UNITED STATES 1

(Metric tons)

	Rec	overable coppe	er	Contained copper			
Period	Arizona	Others ²	Total	Electrowon	Concentrates ³	Total	
2008:							
September	72,900	41,700	115,000	44,300	72,600	117,000	
October	78,400	39,800	118,000	48,800	71,800	121,000	
November	73,100	39,600	113,000	43,800	70,700	114,000	
December	75,700	37,600	113,000	43,500	72,100	116,000	
January-December	836,000 r	472,000	1,310,000 r	508,000 r	827,000	1,330,000	
2009:							
January	65,800	35,000	101,000	42,500	60,300	103,000	
February	57,300	35,800	93,200	40,800	54,000	94,800	
March	57,800	49,100	107,000	38,900	69,900	109,000	
April	53,700	36,200	89,900	35,600	56,400	92,100	
May	58,700	45,600	104,000	38,200	68,200	106,000	
June	59,000	43,200	102,000	39,400	64,700	104,000	
July	62,700	37,000	99,700	42,800	58,800	102,000	
August	58,200	46,900	105,000	40,500	66,600	107,000	
September	56,500	34,100	90,700	36,600	55,900	92,400	
January-September	530,000	363,000	893,000	355,000	555,000	910,000	

¹Data are rounded to no more than three significant digits; may not add to totals shown.

 $\label{thm:copper_radiation} \begin{array}{c} \text{TABLE 3} \\ \text{COPPER PRODUCED AT SMELTERS IN} \\ \text{THE UNITED STATES, BY SOURCE}^{1,2} \end{array}$

(Metric tons, copper content)

·	Anode
Period	production
2008:	
September	44,700
October	55,900
November	52,700
December	58,300 ^r
January-December	574,000
2009:	
January	43,000
February	35,500
March	54,800
April	55,300
May	47,300
June	39,100
July	55,800
August	55,400
September	51,700
January-September	438,000

rRevised.

²Includes production from Idaho, Missouri, Montana, Nevada, New Mexico, and Utah.

³Includes copper content of precipitates and other metal concentrates.

¹Includes blister, anode and copper from primary or secondary sources.

²Data are rounded to no more than three significant digits; may not add to total shown.

 ${\it TABLE~4}$ PRODUCTION OF REFINED COPPER, BY SOURCE AND METHOD OF RECOVERY $^{\rm l}$

(Metric tons)

	Prin	nary materials			
	Electrolytically				Total
Period	refined ²	Electrowon	Total	Scrap	refined
2008:					
September	58,800 ^r	44,300	103,000	4,340 ^r	108,000
October	56,900	48,800	106,000	4,670 ^r	110,000
November	58,400	43,800	102,000	4,840 ^r	107,000
December	65,100	43,500	109,000	4,570 °	113,000
January-December	713,000 ^r	508,000 ^r	1,220,000 ^r	53,800 ^r	1,270,000
2009:					
January	57,300	42,500	99,800	5,390	105,000
February	51,100	40,800	91,900	4,810	96,700
March	52,600	38,900	91,500	4,390	95,900
April	53,700	35,600	89,300	4,420	93,700
May	49,600	38,200	87,800	4,030	91,800
June	46,700	39,400	86,100	4,200	90,300
July	47,500	42,800	90,300	4,090	94,400
August	54,200	40,500	94,700	2,900	97,600
September	54,700	36,600	91,300	2,980	94,300
January-September	467,000	355,000	823,000	37,200	860,000

rRevised.

 ${\it TABLE~5}$ COPPER RECOVERABLE IN UNALLOYED AND ALLOYED FORM FROM PURCHASED COPPER-BASE SCRAP $^{\rm l}$

(Metric tons, copper content)

-	Refine	eries ²	Ingot n	nakers ³	Brass and w	ire-rod mills	Foundri	es, etc.3	
Period	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	Total ⁴
2008:									
September	2,160	2,180	1,250	6,280	50,400	1,420	1,900	1,800	67,300
October	2,140	2,530	1,250	6,280	47,400	1,420	1,900	1,800	64,800
November	2,320	2,530	1,250	6,280	38,400	1,420	1,900	1,800	55,900
December	2,050	2,530	1,250	6,280	38,000	1,420	1,900	1,800	55,200
January-December	26,900 r	26,900	15,000	75,400	584,000	17,000	22,800	21,600	790,000
2009:									
January	1,940	3,450	1,250	6,280	43,500	1,420	1,900	1,800	61,600
February	1,930	2,880	1,250	6,280	45,100	1,420	1,900	1,800	62,500
March	1,970	2,420	1,250	6,280	44,900	1,420	1,900	1,800	61,900
April	1,770	2,650	1,250	6,280	44,900	1,420	1,900	1,800	62,000
May	1,860	2,170	1,250	6,280	42,900	1,470	1,900	1,800	59,600
June	1,810	2,390	1,250	6,280	47,100	1,420	1,900	1,800	63,900
July	1,940	2,160	1,250	6,280	45,000	1,420	1,900	1,800	61,800
August	1,420	1,480	1,250	6,280	48,000	1,470	1,900	1,800	63,600
September	1,490	1,490	1,250	6,280	47,300	1,450	1,900	1,800	63,000
January-September	16,100	21,100	11,300	56,500	409,000	12,900	17,100	16,200	560,000

rRevised.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²From domestic and foreign source materials.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

 $^{^2}$ Electrolytically refined and fire-refined scrap based on source of material at smelter level.

³Monthly data and 2008 cumulative data estimated based on 2007 annual data.

⁴Does not include an estimate, based on reported 2007 data, of 3,750 tons per month from new scrap and 2,520 tons per month from old scrap, of copper recovered from scrap other than copper-base.

 ${\it TABLE~6}$ PRODUCTION, SHIPMENTS, AND STOCKS OF BRASS AND WIRE-ROD SEMIFABRICATES 1

(Metric tons, gross weight)

	Pro	duction	Ship	oments	Stocks, end of period	
Period	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills
2008:						
September	96,200	124,000	94,900	131,000	33,900	25,100
October	96,100	129,000	97,400	123,000	34,800	30,700
November	86,700	98,900	87,700	106,000	33,900	23,500
December	80,900	79,500	79,500 ^r	80,500 ^r	35,300 ^r	22,500 ^r
January-December	1,170,000	1,530,000	1,170,000	1,520,000 ^r	XX	XX
2009:						
January	74,300	108,000	74,400	104,000 ^r	35,100	24,400 ^r
February	80,400	103,000	80,800	97,400	34,700	29,700
March	80,000	90,800	81,800	97,500	32,900	23,000
April	78,700	101,000	79,900	99,700	31,700	24,600
May	77,900	99,500	77,500	92,800	32,100	31,300
June	82,800	97,100	83,600	93,500	31,300	34,800
July	79,300	83,200	79,000	95,300	31,600	22,700
August	83,400	103,000	83,200	106,000	32,200	20,500
September	84,300	99,200	83,400	95,700	33,100	24,100
January-September	721,000	885,000	724,000	882,000	XX	XX

^rRevised. XX Not applicable.

 $\label{eq:table 7} {\sf CONSUMPTION} \ {\sf OF} \ {\sf REFINED} \ {\sf COPPER}^1$

(Metric tons)

	Brass	Wire-rod	Other	
Period and item	mills	mills	plants ²	Total
2008:			•	
September	37,400	122,000	4,210	164,000
October	38,400	124,000	4,210	166,000
November	36,800	94,800	4,210	136,000
December	36,200	66,900 ^r	4,210	107,000
January-December	479,000	1,490,000 ^r	50,600	2,020,000
2009:				
January	38,100	104,000	4,210	147,000
February	38,900	102,000	4,210	145,000
March	37,200	90,100	4,210	132,000
April	37,200	101,000	4,210	142,000
May	39,800	100,000	4,210	145,000
June	39,600	98,300	4,210	142,000
July	39,000	84,300	4,210	128,000
August	38,600	104,000	4,210	147,000
September:				
Cathodes	26,200	101,000	679	128,000
Wire bars			(3)	(3)
Ingots and ingot bars	2,020		1,630	3,650
Cakes and slabs	(3)		(3)	(3)
Billets and other	8,960		1,900	10,900
Total	37,100	101,000	4,210	143,000
January-September	346,000	886,000	37,900	1,270,000

⁻⁻ Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

 $^{^2\}mathrm{Consumption}$ by ingot makers, chemical plants, foundries, and miscellaneous manufacturers is estimated based on 2007 annual data.

³Withheld to avoid disclosing company proprietary data; included with "Billets and other."

 $\label{eq:table 8} \textbf{U.S.} \ \textbf{APPARENT CONSUMPTION OF COPPER}^{\textbf{I}}$

(Metric tons)

	Refined copper	Copper in	Refined general	Refined	Stock change	Apparent
Period	production	old scrap ²	imports ³	exports ³	during period	consumption
2008:		•	•	•		
September	103,000	14,200	54,500	1,540	18,400	152,000
October	106,000	14,500	49,700	3,210	8,760	158,000
November	102,000	14,500	51,000	1,740	27,400	139,000
December	109,000	14,500	61,700	1,600	44,000	139,000
January-December	1,220,000 ^r	174,000 ^r	724,000	36,500	57,000	2,030,000
2009:						
January	99,800	15,500	76,400	893	68,000	123,000
February	91,900	14,900	67,700	1,650	31,200	142,000
March	91,500	14,400	79,500	3,770	50,300	131,000
April	89,300	14,700	53,900	6,510	266	151,000
May	87,800	14,200	42,700	21,400	(24,400)	148,000
June	86,100	14,400	33,800	19,200	(28,400)	144,000
July	90,300	14,500	53,600	8,870	9,040	140,000
August	94,700	13,800	35,700	6,280	4,820	133,000
September	91,300	13,800	52,300	3,980	24,800	129,000
January-September	823,000	130,000	495,000	72,500	136,000	1,240,000

rRevised.

 ${\it TABLE \,\, 9}$ CONSUMPTION OF PURCHASED COPPER-BASE SCRAP 1

(Metric tons, gross weight)

	Sme	lters			Brass	and			
	and ref	ineries	Ingot n	nakers ²	wire-ro	d mills ³	Foundri	es, etc. ²	Total scrap
Period	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	used
2008:									
September	2,730	2,020	4,710	6,460	62,600	704	4,020	2,270	85,500
October	2,860	2,020	4,710	6,460	58,800	704	4,020	2,270	81,900
November	2,170	2,020	4,710	6,460	46,100	704	4,020	2,270	68,400
December	2,560	2,020	4,710	6,460	45,200	704	4,020	2,270	67,900
January-December	28,700	25,100	56,500	77,600	721,000	8,450	48,200	27,200	993,000
2009:									
January	3,360	2,190	4,710	6,460	53,500	704	4,020	2,270	77,200
February	2,680	2,170	4,710	6,460	55,700	704	4,020	2,270	78,700
March	1,970	2,180	4,710	6,460	55,900	704	4,020	2,270	78,200
April	2,380	2,140	4,710	6,460	55,700	704	4,020	2,270	78,400
May	1,960	2,170	4,710	6,460	53,000	704	4,020	2,270	75,300
June	2,240	2,180	4,710	6,460	58,300	704	4,020	2,270	80,900
July	1,810	2,140	4,710	6,460	55,300	704	4,020	2,270	77,400
August	1,600	1,550	4,710	6,460	59,100	704	4,020	2,270	80,400
September	1,440	1,510	4,710	6,460	57,800	704	4,020	2,270	78,900
January-September	19,400	18,200	42,400	58,200	504,000	6,340	36,200	20,400	705,000

¹Data are rounded to no more than three significant digits; may not add to totals shown.

 $^{^{1}\}mbox{Data}$ are rounded to no more than three significant digits; may not add to totals shown.

²Includes reported monthly production of copper from old scrap of copper-base, an estimate for annual reporters, and a monthly average of copper from non-copper-base materials based on 2007 data.

³Source: U.S. Census Bureau.

²Monthly data estimated from 2007 annual data.

³Consumption at brass and wire-rod mills assumed equal to receipts.

${\bf TABLE~10}$ ${\bf COPPER~STOCKS~AT~END~OF~PERIOD}^1$

(Metric tons)

-		Refined copper						
	Crude		Wire-rod					Total
Period	copper ²	Refineries ³	$mills^3$	Brass mills ³	Other ⁴	Comex ⁵	LME^6	refined
2008:								
September	15,900 ^r	14,800 ^r	12,100	11,200	5,750	9,000	59,500	112,000 r
October	18,200 ^r	8,140 ^r	17,100	8,210	5,750	8,970	72,200	120,000 ^r
November	20,400 r	11,100 ^r	19,300 ^r	7,760	5,750	15,200	88,300	147,000 ^r
December	24,100 ^r	18,300 ^r	31,700 ^r	8,340	5,750	31,300	106,000	201,000 r
2009:								
January	24,700	13,400	31,000	7,570	5,750	36,500	163,000	258,000
February	16,000	11,600	23,100	8,100	5,750	41,100	199,000	289,000
March	21,300	14,300	25,100	8,580	5,750	42,200	243,000	339,000
April	25,200	11,100	15,900	9,760	5,750	43,600	253,000	339,000
May	22,500	14,600	18,400	7,860	5,750	50,500	218,000	315,000
June	23,800	11,600	18,700	9,460	5,750	54,200	187,000	287,000
July	26,100	10,700	19,500	8,600	5,750	49,900	201,000	296,000
August	32,500	9,260	16,700	7,630	5,750	48,300	213,000	300,000
September	27,100	11,500	25,300	9,520	5,750	48,600	225,000	325,000

rRevised.

TABLE 11
AVERAGE PRICE OF COPPER IN THE UNITED STATES
AND ON THE LONDON METAL EXCHANGE

(Cents per pound)

	U.S. producers	Comex	LME
	delivered price	first	cash price
Period	cathode1	position ²	Grade A
2008:			
September	320.119	314.293	317.045
October	224.391	218.565	223.390
November	174.323	168.497	168.567
December	144.624	138.798	139.315
January-December	319.163	313.358	315.474
2009:			
January	153.674	147.848	146.069
February	156.465	150.639	150.322
March	177.524	171.698	170.042
April	210.440	204.614	199.846
May	216.439	210.613	207.208
June	234.165	228.339	227.394
July	244.381	238.555	236.531
August	286.886	281.060	279.627
September	287.305	281.479	281.035
January-September	218.587	212.761	210.897

¹Listed as "U.S. producer cathode."

Source: Platts Metals Week.

 $^{^{1}\}mathrm{Data}$ are rounded to no more than three significant digits; may not add to totals shown.

²Copper content of blister and anode.

³Stocks of refined copper as reported; no estimates are made for nonrespondents.

⁴Monthly estimates based on reported and 2008 annual data, comprising stocks at ingot makers, chemical plants, foundries, and miscellaneous manufacturers.

⁵Comex Division of New York Mercantile Exchange, Inc., New York.

⁶London Metal Exchange Ltd., U.S. warehouses.

²Listed as "Comex high grade first position."

TABLE 12 NEW YORK AVERAGE BUYING PRICES FOR COPPER SCRAP

(Cents per pound)

			Dealers (New York)
				Red brass
	Brass mills	Refiners	No. 2	turnings and
Month	No. 1 scrap	No. 2 scrap	Scrap	borings
2008:				
September	306.62	288.29	242.50	159.00
October	210.91	188.91	127.50	111.96
November	155.94	130.17	102.50	80.00
December	133.43	110.43	80.00	71.90
January-December	300.55	279.08	217.11	143.85
2009:				
January	141.30	119.70	83.13	70.00
February	147.05	127.68	97.24	74.74
March	167.59	153.77	109.32	84.55
April	200.10	188.10	129.40	94.76
May	206.75	197.15	139.00	101.50
June	220.91	204.36	160.23	116.36
July	228.23	210.18	171.59	122.05
August	268.48	244.57	187.02	129.76
September	270.00	242.67	197.50	135.00
January-September	205.60	187.58	141.60	103.19

Source: American Metal Market.

 ${\it TABLE~13}$ U.S. IMPORTS FOR CONSUMPTION OF COPPER (UNMANUFACTURED), BY CLASS 1

(Metric tons, copper content)

		Ore and conce	ntrate	Matte, ash, and precipitates			E	Blister and anod	les	Refined		
		2009			2009			20	09		2009	
Country or		January-				January-			January-			January-
territory	2008	September	September	2008	September	September	2008	September	September	2008	September	September
Belgium				36		7						
Brazil										598	1,010	9,300
Canada	406		137	319	137	313	84,800	4,860	48,800	242,000	14,400	136,000
Chile							32,900			334,000	26,500	242,000
Finland							849	17	163			
Germany						22	1		(2)	3,230	193	1,850
Japan				6		65	13		5	4,680	262	2,710
Mexico				83			3,910	626	4,730	19,500	2,060	16,300
Peru	234									117,000	11,100	104,000
Taiwan				243		15				(2)		
Other				481		171	8	29	85	1,840	404	498
Total	640		137	1,170	137	593	122,000	5,530	53,800	724,000	56,000	513,000

⁻⁻ Zero

Source: U.S. Census Bureau.

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¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

 ${\it TABLE~14}$ U.S. EXPORTS OF COPPER (UNMANUFACTURED), BY ${\it CLASS}^1$

(Metric tons, copper content)

	C	re and concent	rate	Matte, ash and precipitates]	Blister and ano	des	Refined		
		2009			2009			2009			2009	
Country or			January -			January -			January -			January -
territory	2008	September	September	2008	September	September	2008	September	September	2008	September	September
Canada	28,100	1,980	17,900	43,800	1,990	26,400	10,000	1,350	12,700	12,600	705	9,220
China	97,800	9,610	43,200	1,640	126	822	243	29	210	8,620	3,020	38,100
Germany				281		587	2,420	991	2,280	256		37
Hong Kong	1		(2)				2,210	237	969	109	15	2,320
India	1			8			767	1	91	2,130		59
Japan	48,100	2,970	17,100	53		101	1,420	80	306	21		37
Korea, Republic of	4,810		6,060				1,510	54	370	129		2
Mexico	122,000	1,960	31,700				135	1	31	10,200	80	7,050
Singapore	32			55			137		52		102	1,360
Spain	1			298	37	1,140	534			(2)		
Sweden				6			730		169	1		169
Taiwan				1		75	723	40	361	188	1	512
Other	437	17	3,090	20		275	2,360	130	1,310	2,080	59	13,700
Total	301,000	16,500	119,000	46,200	2,150	29,400	23,500	2,910	18,900	36,500	3,980	72,500

⁻⁻ Zero

Source: U.S. Census Bureau.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

 $\label{eq:table 15} \text{U.S. COPPER SCRAP IMPORTS}^1$

(Metric tons, gross weight)

		Unalloyed		Alloyed					
		20	009		2009				
Country or			January -			January -			
territory	2008	September	September	2008	September	September			
Canada	11,300	671	5,450	30,900	2,550	18,100			
Chile	9,540			7		150			
Costa Rica	313	37	188	1,490	172	763			
Germany	60		86	191	(2)	51			
Guatemala	306	64	168	1,620	50	286			
Honduras	1,780	23	419	515	16	216			
Jamaica	183	49	139	357	56	248			
Japan	29		12			(2)			
Mexico	6,120	430	3,090	31,500	2,020	16,800			
Nicaragua	251	82	416	103	80	220			
Other	2,880 r	187	1,460	6,830 ^r	498	2,720			
Total	32,800	1,540	11,400	73,500	5,450	39,500			

Revised. -- Zero.

Source: U.S. Census Bureau.

 $^{^{1}\}mathrm{Data}$ are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

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TABLE 16
U.S. COPPER SCRAP EXPORTS¹

(Metric tons, gross weight)

				Unalloyed	Alloyed							
		2009							2009			
		No. 1		No. 2		Other			Segregated		Unsegregated	
Country or			January -		January -		January -			January-		January-
territory	2008	September	September	September	September	September	September	2008	September	September	September	September
Belgium	2,570	60	465	87	1,270	19	423	17,900	542	7,220	669	7,660
Canada	9,830					420	6,320	39,000	252	2,230	2,910	30,000
China	186,000	4,050	50,100	8,250	94,800	4,330	45,400	421,000	14,800	157,000	22,000	259,000
Germany	4,280	18	369	84	854	12	286	10,300	124	3,020	161	3,580
Hong Kong	21,200	513	3,190	1,100	8,440	269	3,950	50,900	1,400	11,900	2,250	25,500
India	1,970		53		106	28	197	9,340	182	9,780	56	1,310
Japan	8,720	190	725	170	972	138	1,520	13,000	959	7,370	283	2,830
Korea, Republic of	19,800	210	2,640	315	2,890	140	2,880	21,900	523	8,360	503	13,200
Mexico	1,960	39	348	76	770	35	457	5,970	21	364	167	9,630
Spain	767	20	794	199	627		57	10,700	88	1,290	1,030	9,640
Taiwan	4,900	969	3,500	59	2,970	42	506	9,910	129	974	93	5,540
Thailand	2,020					119	1,300	117		263		84
Other	15,000	542	4,350	37	842	25	449	18,300	240	5,890	1,150	14,000
Total	278,000	6,610	66,600	10,400	114,000	5,580	63,700	629,000	19,200	216,000	31,200	382,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.